

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072122\
 Data File : VX030162.D
 Acq On : 21 Jul 2022 15:09
 Operator : JC/MD
 Sample : N3765-05DL 1000X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPC-01BN-84DL

Quant Time: Jul 21 15:55:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

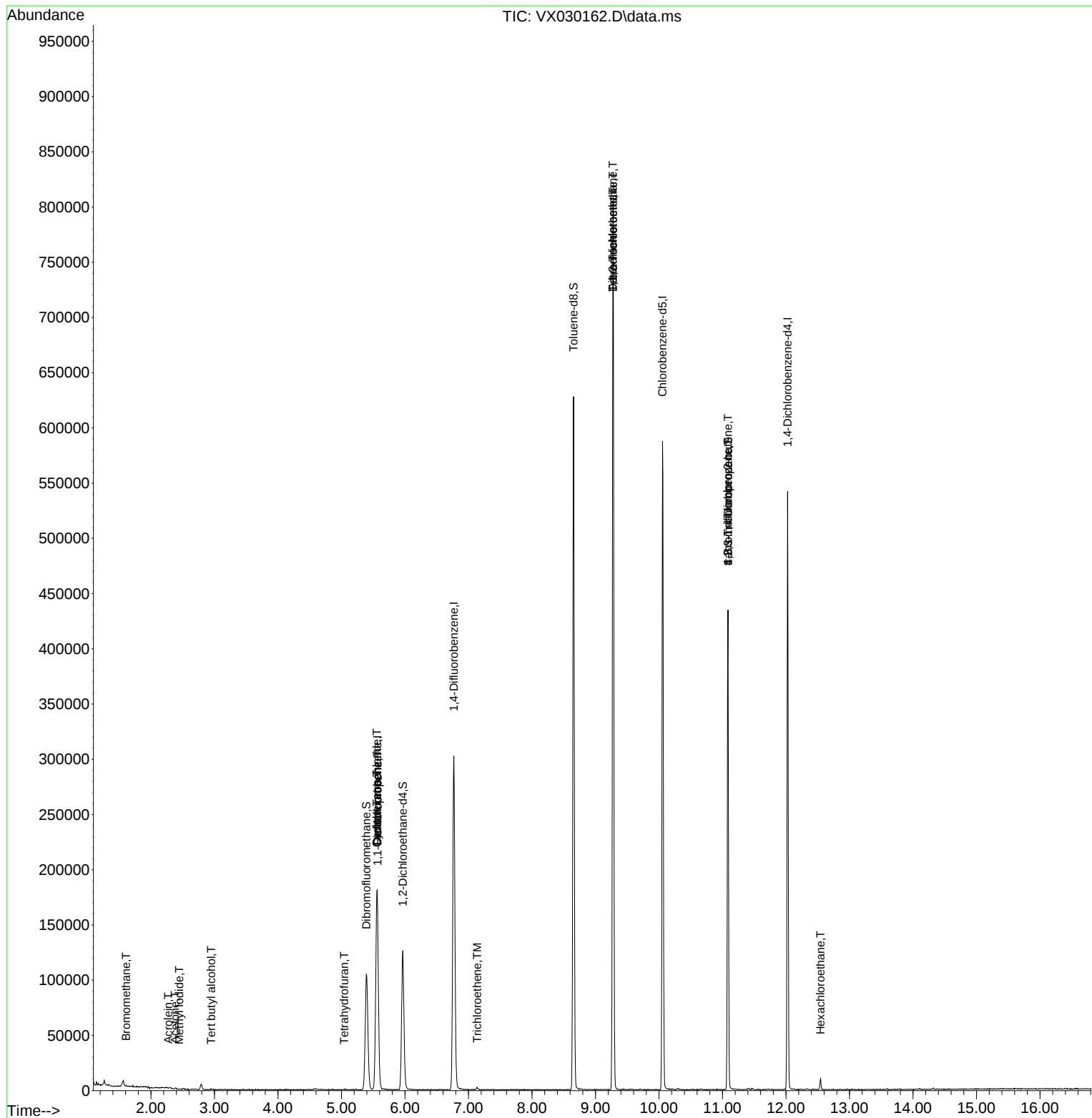
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	171082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	307973	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	267434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	112016	53.792	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.580%
35) Dibromofluoromethane	5.391	113	94268	47.914	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.820%
50) Toluene-d8	8.653	98	357918	48.371	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.740%
62) 4-Bromofluorobenzene	11.085	95	115582	45.012	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.020%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.313	85	20	Below Cal	#	42
5) Bromomethane	1.605	94	310	0.369	ug/l	98
10) Methyl Iodide	2.447	142	242	2.542	ug/l #	79
11) Tert butyl alcohol	2.947	59	210	0.391	ug/l #	74
13) Acrolein	2.270	56	29	0.271	ug/l #	1
16) Acetone	2.380	43	1007	1.026	ug/l	89
17) Carbon Disulfide	2.508	76	833	Below Cal	#	74
20) Methylene Chloride	2.800	84	2201	Below Cal	#	79
29) Tetrahydrofuran	5.044	42	253	0.223	ug/l #	40
31) Cyclohexane	5.556	56	3821	1.266	ug/l #	1
36) 1,1-Dichloropropene	5.568	75	14283	5.620	ug/l #	48
38) Carbon Tetrachloride	5.556	117	16941	7.148	ug/l #	16
44) Trichloroethene	7.135	130	694	0.297	ug/l	77
55) 1,1,2-Trichloroethane	9.275	97	1328	0.634	ug/l #	1
60) Dibromochloromethane	9.275	129	147076	72.075	ug/l #	11
64) Tetrachloroethene	9.275	164	147095	68.519	ug/l	99
76) 1,2,3-Trichloropropane	11.085	75	57829	23.197	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	57829	66.945	ug/l #	13
90) Hexachloroethane	12.543	117	1298	1.173	ug/l	84

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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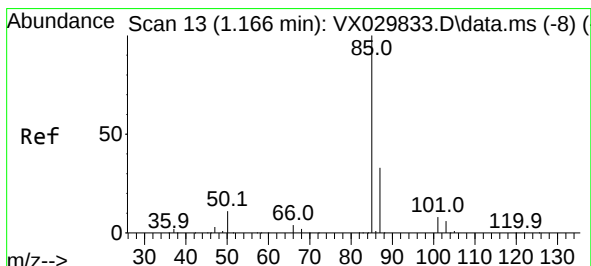
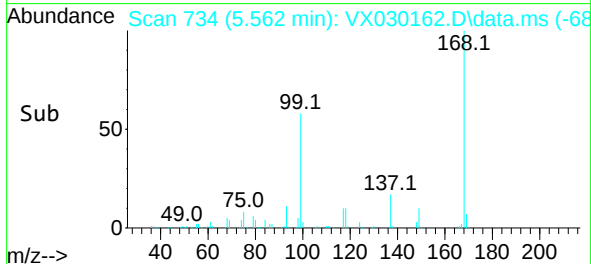
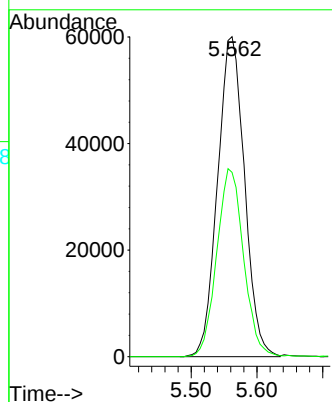
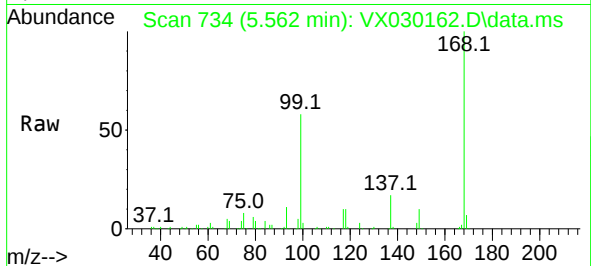




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030162.D
Acq: 21 Jul 2022 15:09

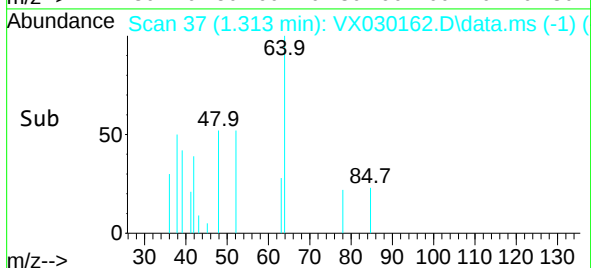
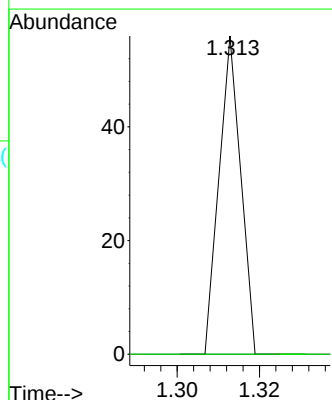
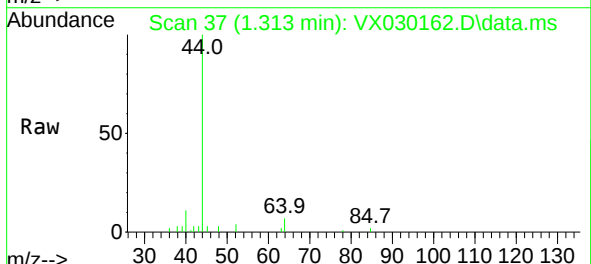
Instrument :
MSVOA_X
ClientSampleId :
SPC-01BN-84DL

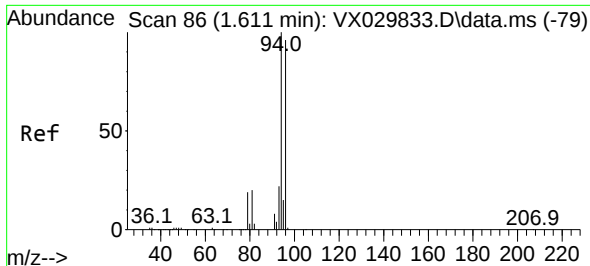
Tgt Ion:168 Resp: 171082
Ion Ratio Lower Upper
168 100
99 57.6 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.313 min Scan# 37
Delta R.T. 0.147 min
Lab File: VX030162.D
Acq: 21 Jul 2022 15:09

Tgt Ion: 85 Resp: 20
Ion Ratio Lower Upper
85 100
87 0.0 16.5 49.5#

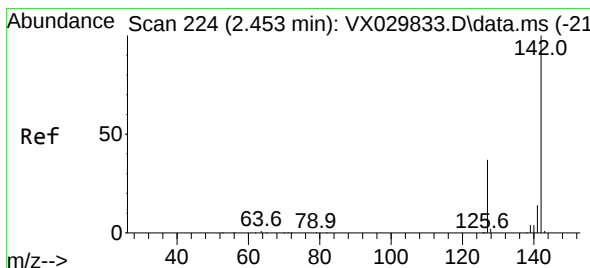
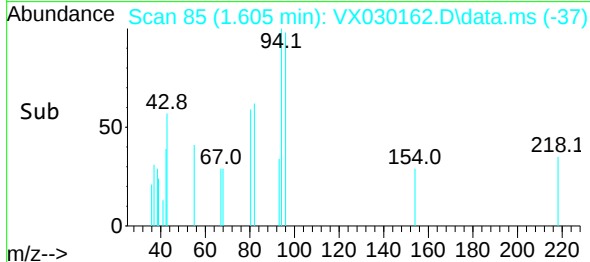
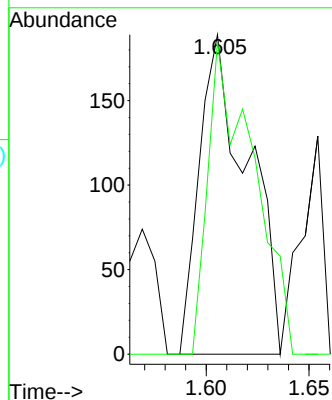
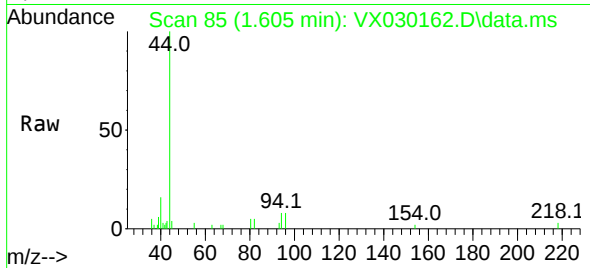




#5
 Bromomethane
 Concen: 0.369 ug/l
 RT: 1.605 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: VX030162.D
 Acq: 21 Jul 2022 15:09

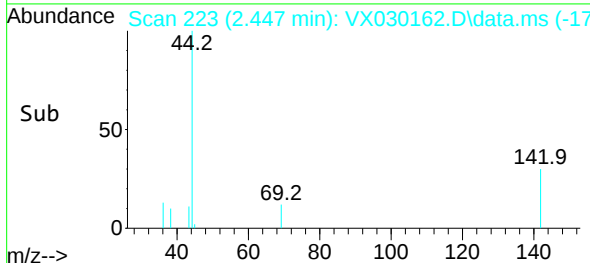
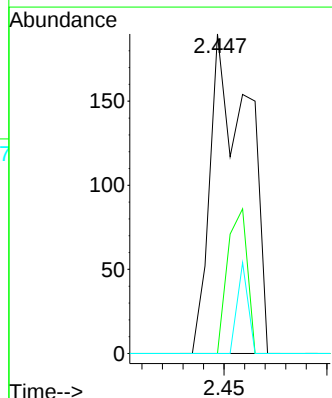
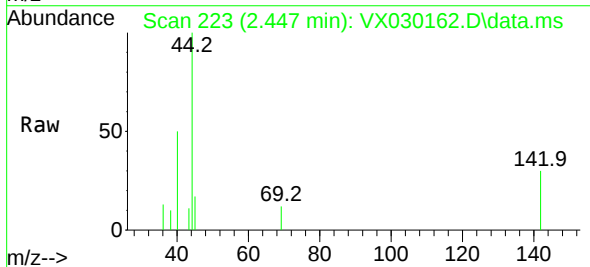
Instrument :
 MSVOA_X
 ClientSampleId :
 SPC-01BN-84DL

Tgt Ion: 94 Resp: 310
 Ion Ratio Lower Upper
 94 100
 96 97.9 76.9 115.3



#10
 Methyl Iodide
 Concen: 2.542 ug/l
 RT: 2.447 min Scan# 223
 Delta R.T. -0.006 min
 Lab File: VX030162.D
 Acq: 21 Jul 2022 15:09

Tgt Ion: 142 Resp: 242
 Ion Ratio Lower Upper
 142 100
 127 23.6 30.2 45.2#
 141 8.3 11.3 16.9#





#11

Tert butyl alcohol

Concen: 0.391 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.048 min

Lab File: VX030162.D

Acq: 21 Jul 2022 15:09

Instrument :

MSVOA_X

ClientSampleId :

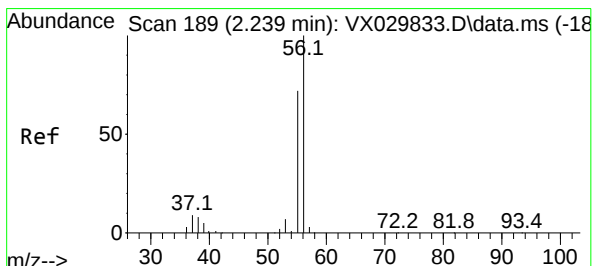
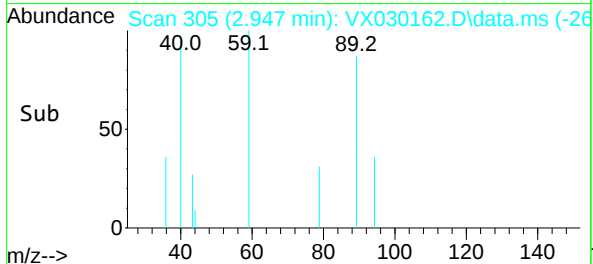
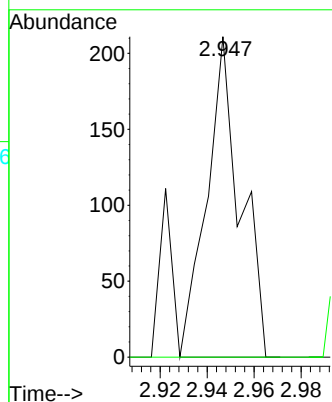
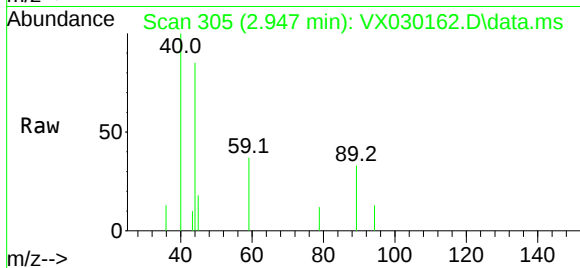
SPC-01BN-84DL

Tgt Ion: 59 Resp: 210

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#13

Acrolein

Concen: 0.271 ug/l

RT: 2.270 min Scan# 194

Delta R.T. 0.031 min

Lab File: VX030162.D

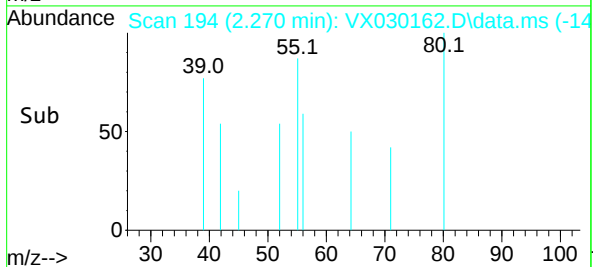
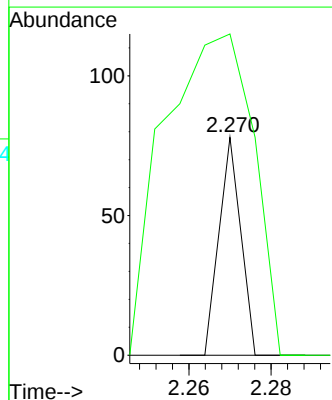
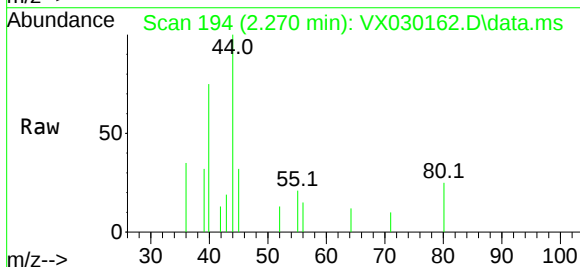
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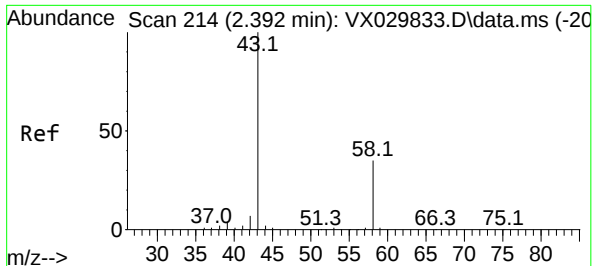
Tgt Ion: 56 Resp: 29

Ion Ratio Lower Upper

56 100

55 600.0 56.6 84.8#

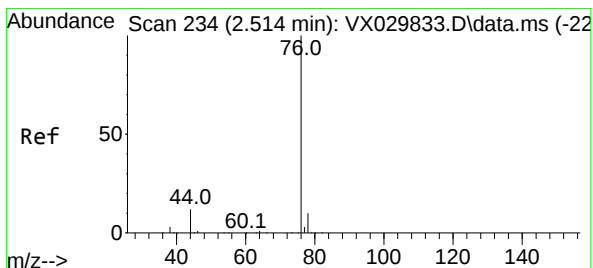
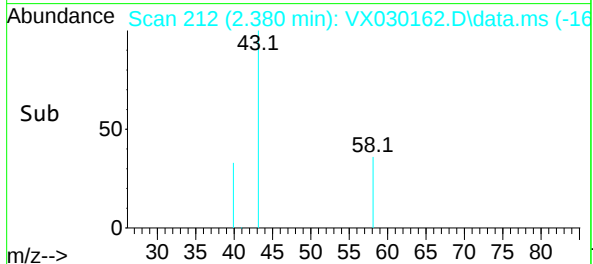
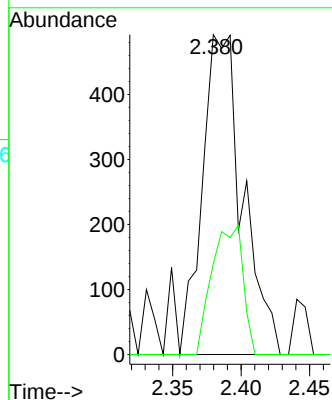
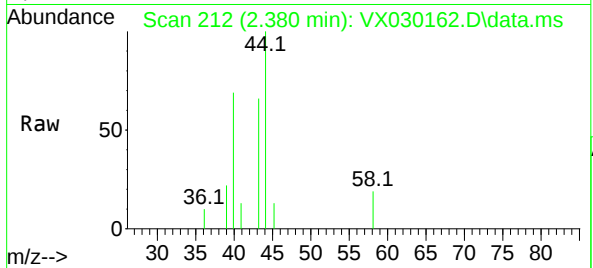




#16
Acetone
Concen: 1.026 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX030162.D
Acq: 21 Jul 2022 15:09

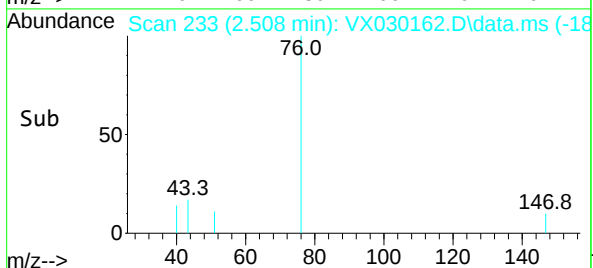
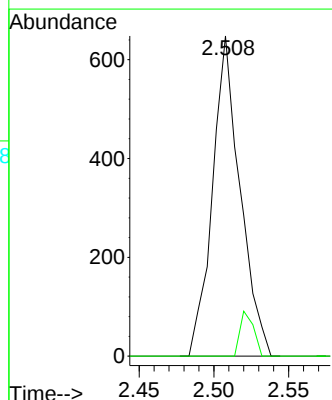
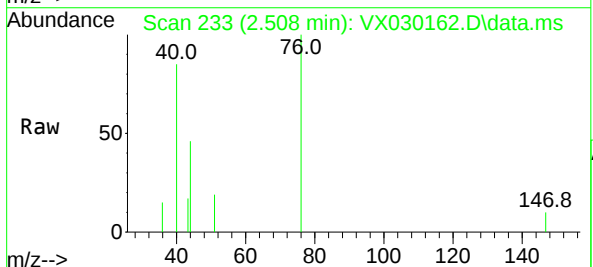
Instrument :
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ClientSampleId :
SPC-01BN-84DL

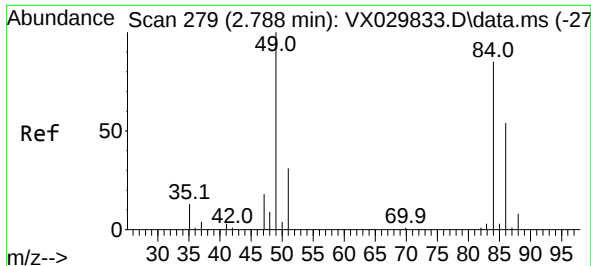
Tgt Ion: 43 Resp: 1007
Ion Ratio Lower Upper
43 100
58 28.5 27.7 41.5



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX030162.D
Acq: 21 Jul 2022 15:09

Tgt Ion: 76 Resp: 833
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#

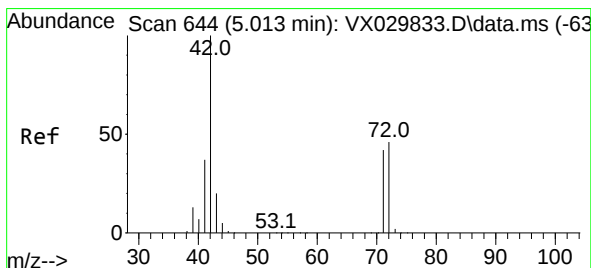
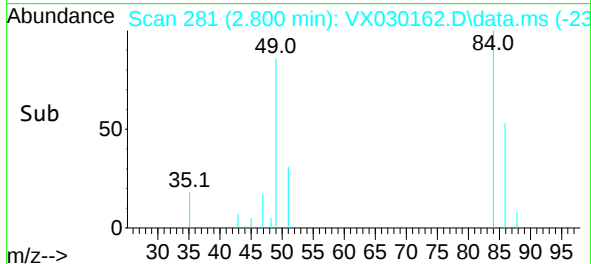
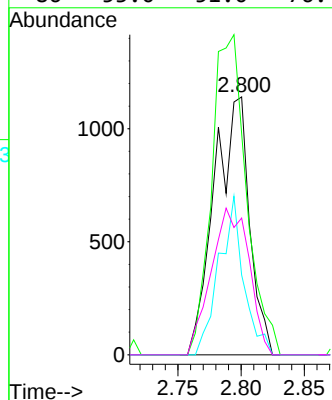
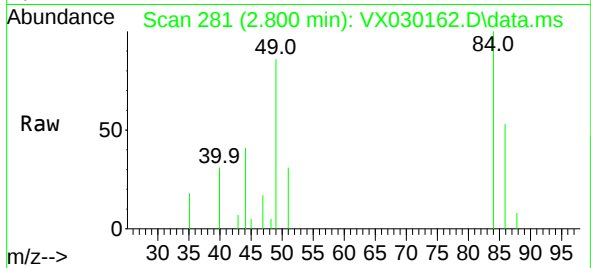




#20
Methylene Chloride
Concen: Below Cal
RT: 2.800 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX030162.D
Acq: 21 Jul 2022 15:09

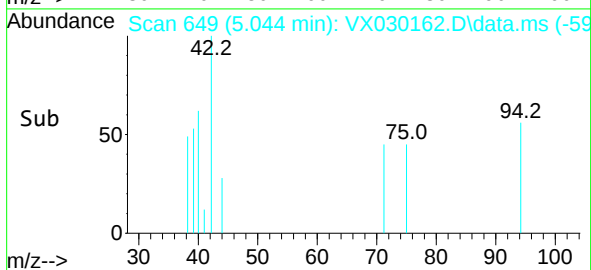
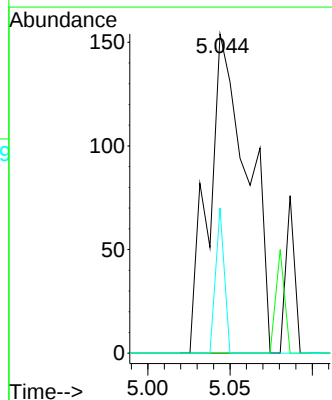
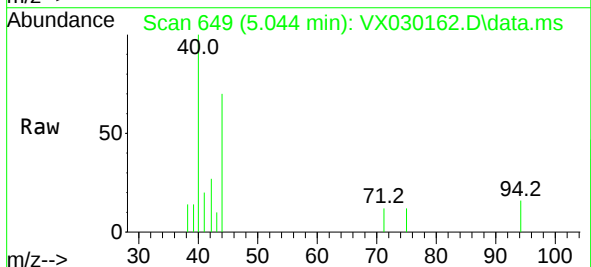
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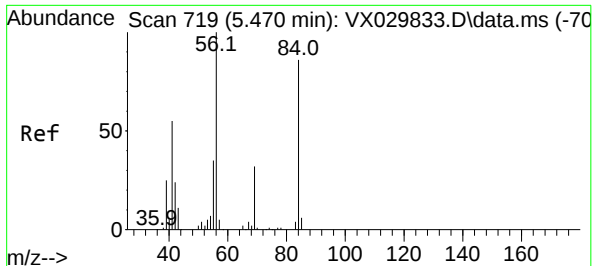
Tgt Ion: 84 Resp: 2201
Ion Ratio Lower Upper
84 100
49 85.8 93.8 140.6#
51 30.9 29.4 44.0
86 53.0 51.0 76.4



#29
Tetrahydrofuran
Concen: 0.223 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.031 min
Lab File: VX030162.D
Acq: 21 Jul 2022 15:09

Tgt Ion: 42 Resp: 253
Ion Ratio Lower Upper
42 100
72 0.0 36.5 54.7#
71 10.3 33.9 50.9#

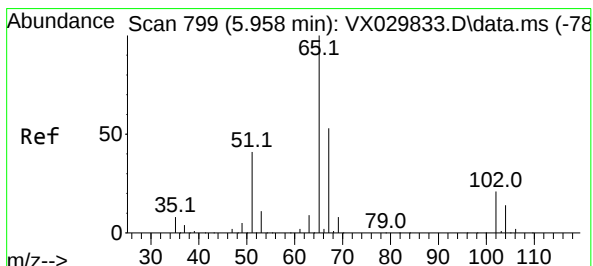
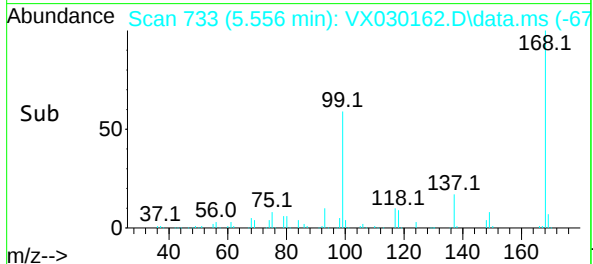
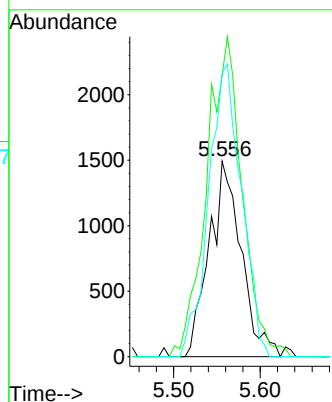
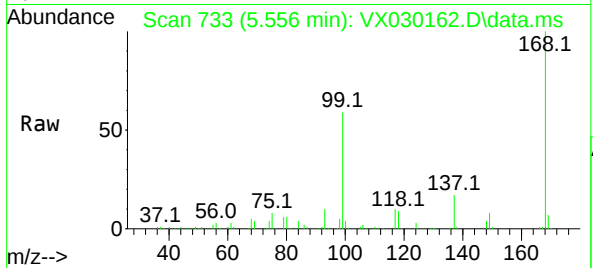




#31
Cyclohexane
Concen: 1.266 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX030162.D
Acq: 21 Jul 2022 15:09

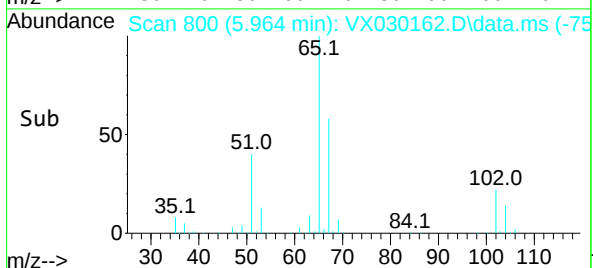
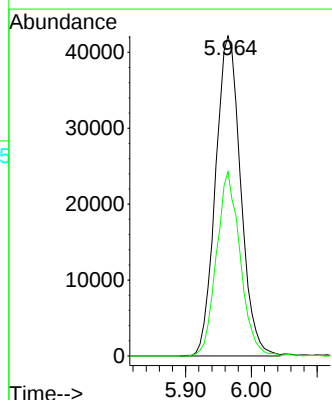
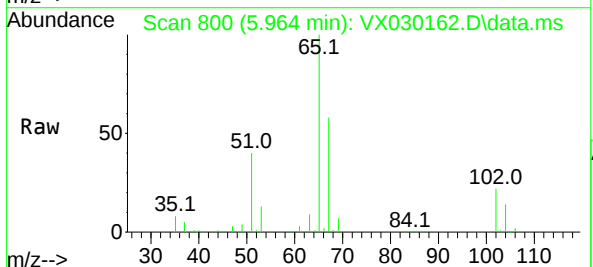
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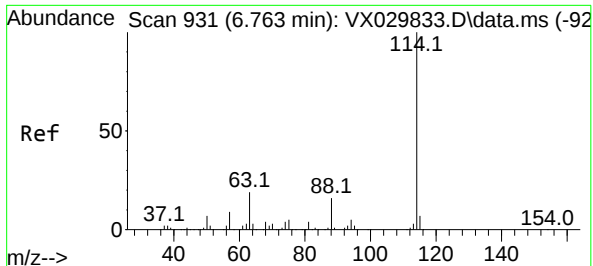
Tgt Ion: 56 Resp: 3821
Ion Ratio Lower Upper
56 100
69 139.9 25.4 38.0#
84 145.2 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 53.792 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030162.D
Acq: 21 Jul 2022 15:09

Tgt Ion: 65 Resp: 112016
Ion Ratio Lower Upper
65 100
67 54.1 0.0 109.6

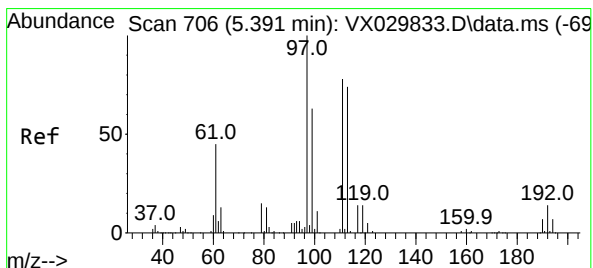
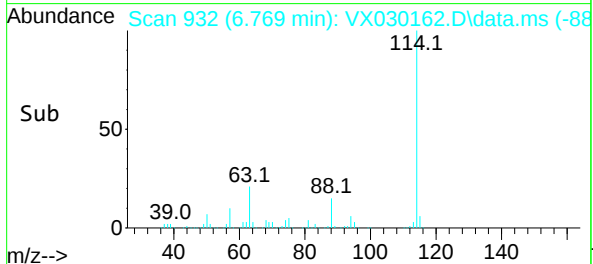
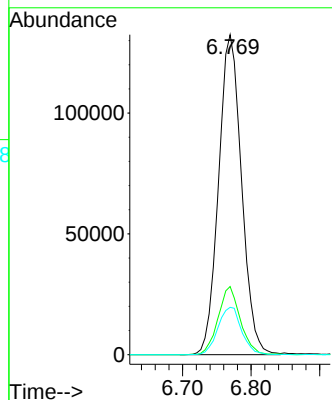
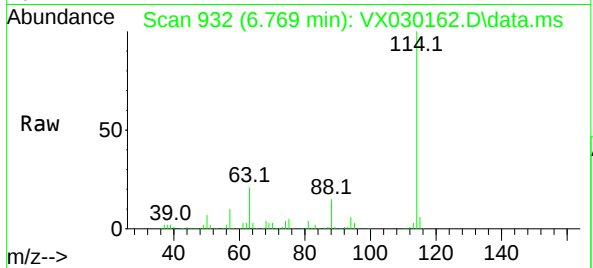




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX030162.D
Acq: 21 Jul 2022 15:09

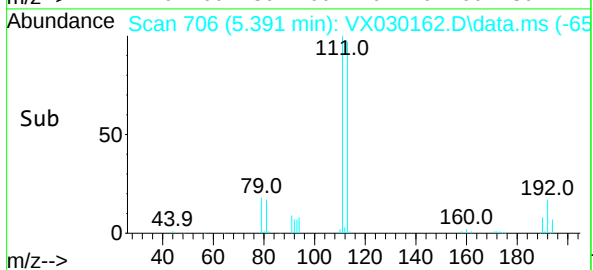
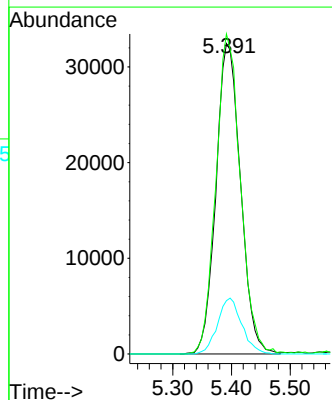
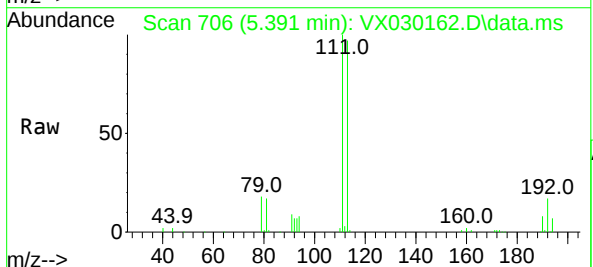
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Tgt Ion:114 Resp: 307973
Ion Ratio Lower Upper
114 100
63 21.3 0.0 38.4
88 14.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.914 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030162.D
Acq: 21 Jul 2022 15:09

Tgt Ion:113 Resp: 94268
Ion Ratio Lower Upper
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111 103.1 83.2 124.8
192 17.7 14.8 22.2

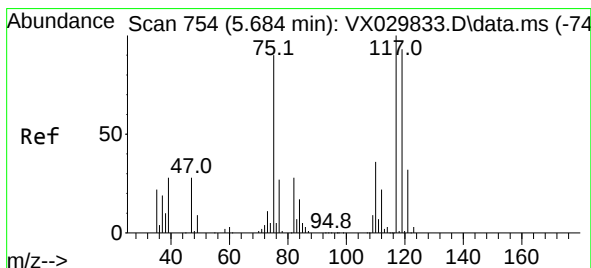
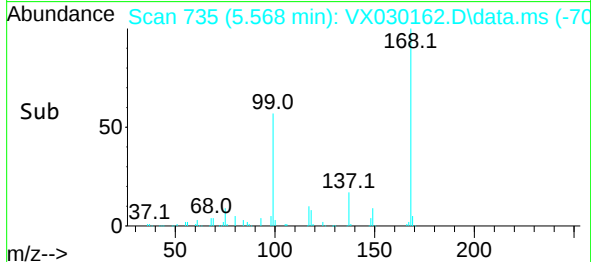
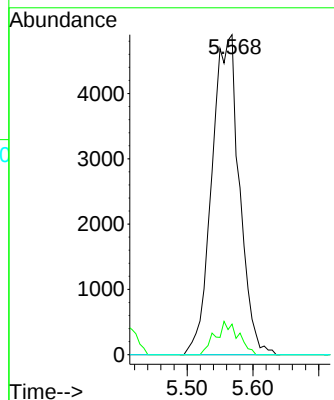
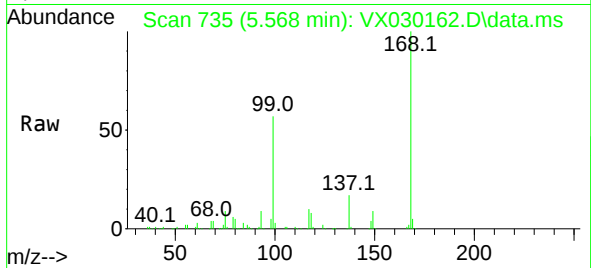




#36
1,1-Dichloropropene
Concen: 5.620 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX030162.D
Acq: 21 Jul 2022 15:09

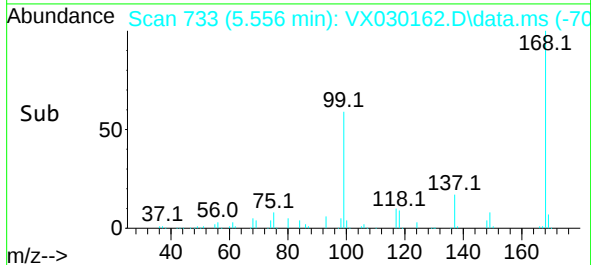
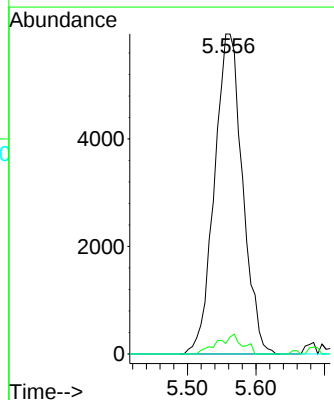
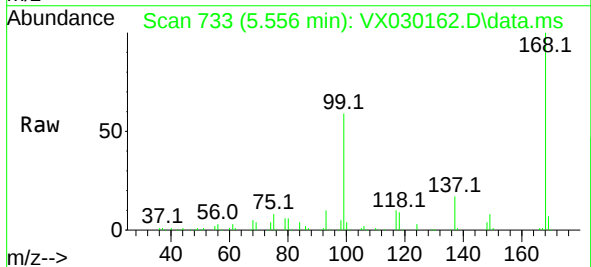
Instrument :
MSVOA_X
ClientSampleId :
SPC-01BN-84DL

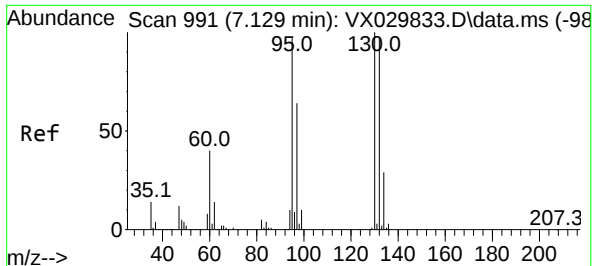
Tgt Ion: 75 Resp: 14283
Ion Ratio Lower Upper
75 100
110 8.7 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.148 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX030162.D
Acq: 21 Jul 2022 15:09

Tgt Ion: 117 Resp: 16941
Ion Ratio Lower Upper
117 100
119 3.3 74.1 111.1#
121 0.0 25.8 38.8#

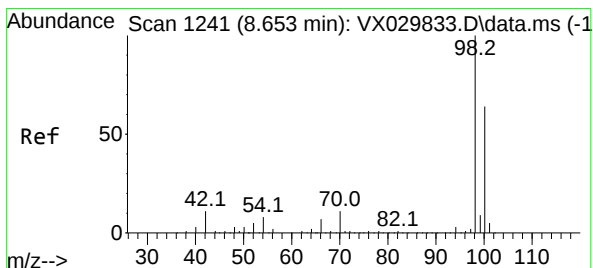
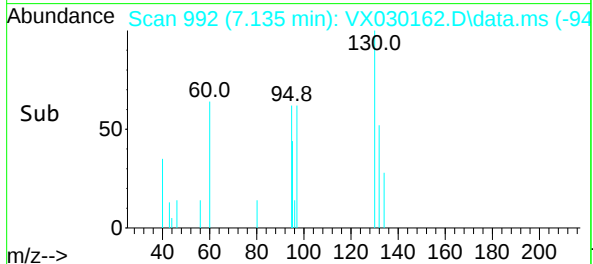
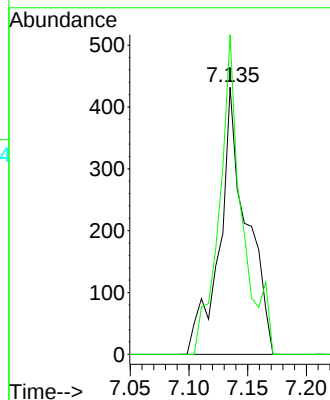
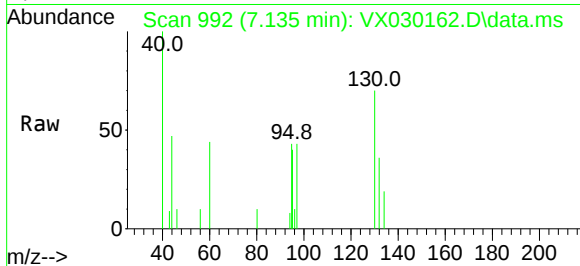




#44
Trichloroethene
Concen: 0.297 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX030162.D
Acq: 21 Jul 2022 15:09

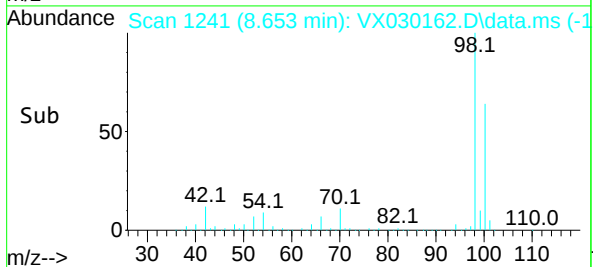
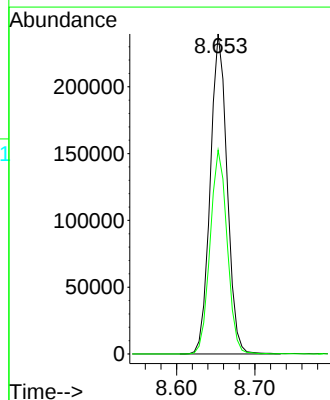
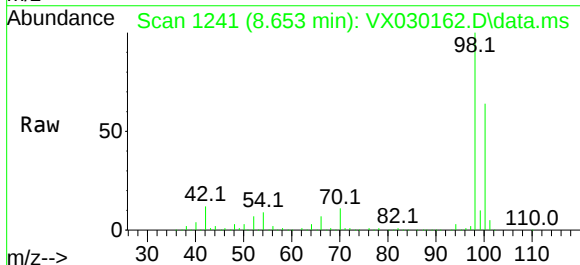
Instrument :
MSVOA_X
ClientSampleId :
SPC-01BN-84DL

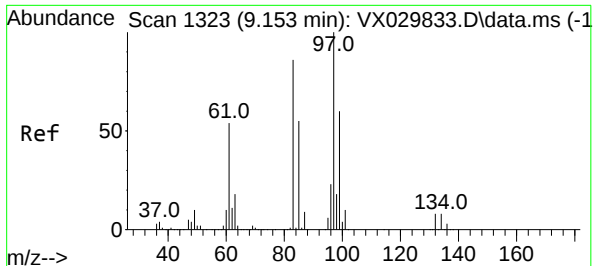
Tgt Ion:130 Resp: 694
Ion Ratio Lower Upper
130 100
95 119.7 0.0 194.8



#50
Toluene-d8
Concen: 48.371 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030162.D
Acq: 21 Jul 2022 15:09

Tgt Ion: 98 Resp: 357918
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5





#55

1,1,2-Trichloroethane

Concen: 0.634 ug/l

RT: 9.275 min Scan# 1

Delta R.T. 0.122 min

Lab File: VX030162.D

Acq: 21 Jul 2022 15:09

Instrument :

MSVOA_X

ClientSampleId :

SPC-01BN-84DL

Tgt Ion: 97 Resp: 1328

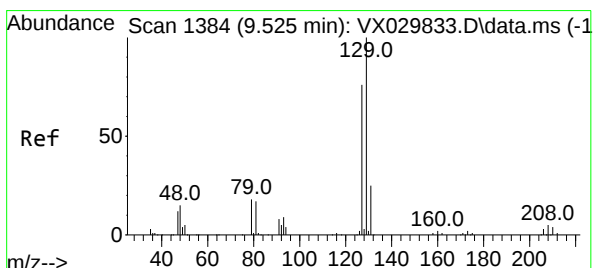
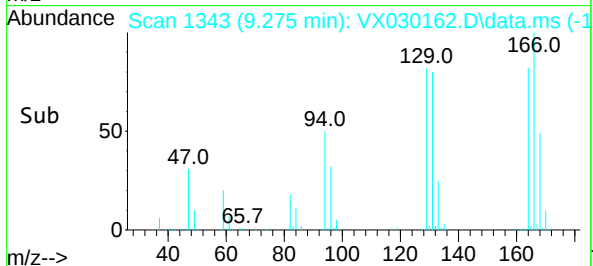
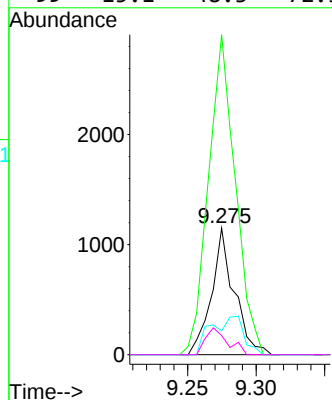
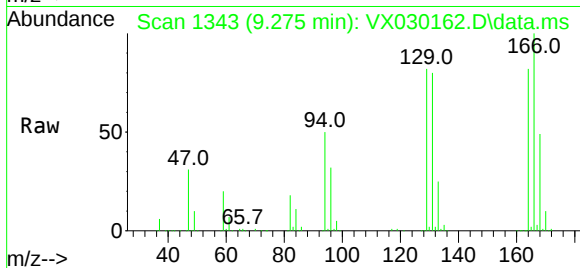
Ion Ratio Lower Upper

97 100

83 252.8 68.9 103.3#

85 18.9 44.0 66.0#

99 15.1 48.3 72.5#



#60

Dibromochloromethane

Concen: 72.075 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX030162.D

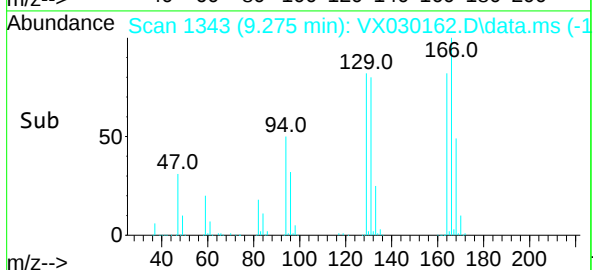
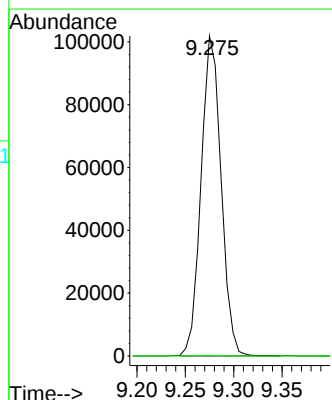
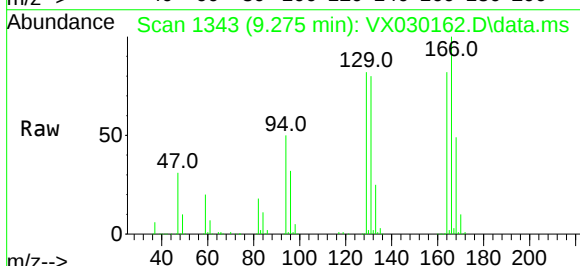
Acq: 21 Jul 2022 15:09

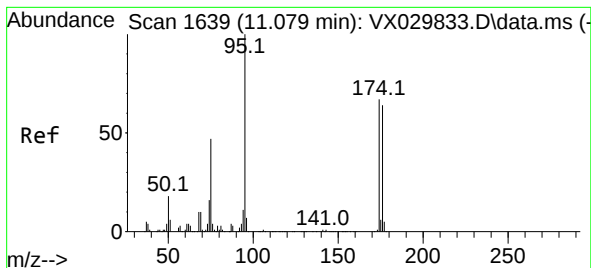
Tgt Ion:129 Resp: 147076

Ion Ratio Lower Upper

129 100

127 0.2 38.5 115.5#

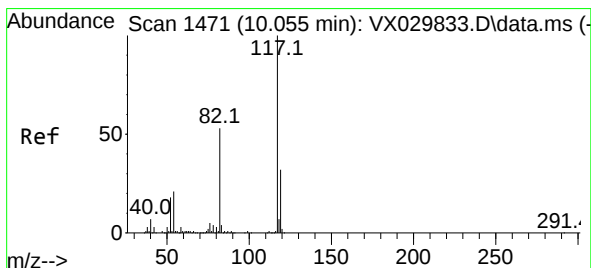
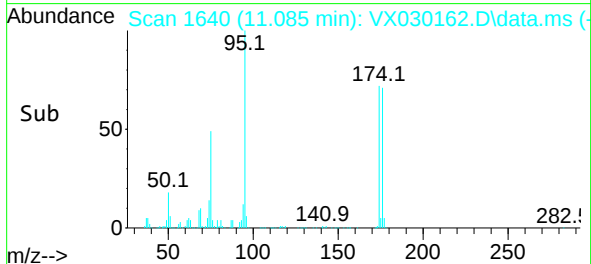
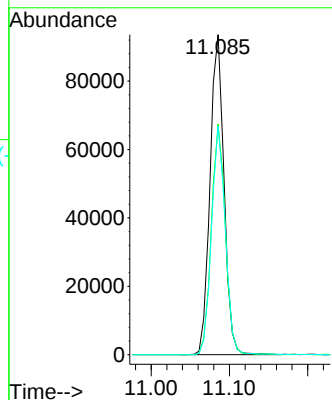
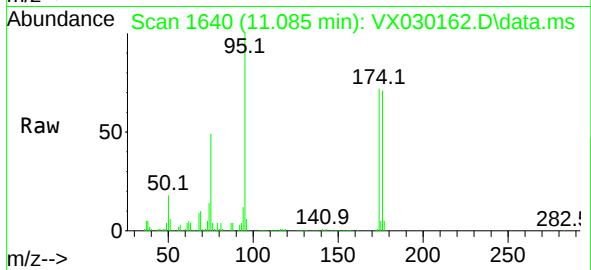




#62
4-Bromofluorobenzene
Concen: 45.012 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030162.D
Acq: 21 Jul 2022 15:09

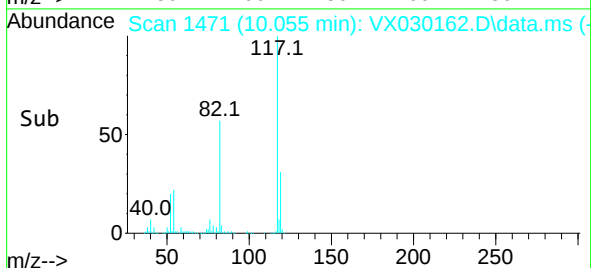
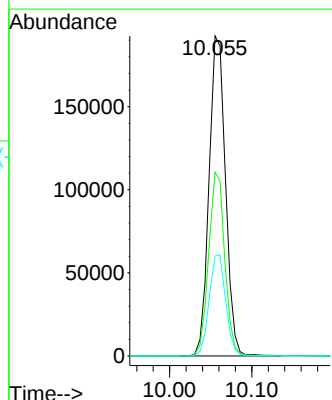
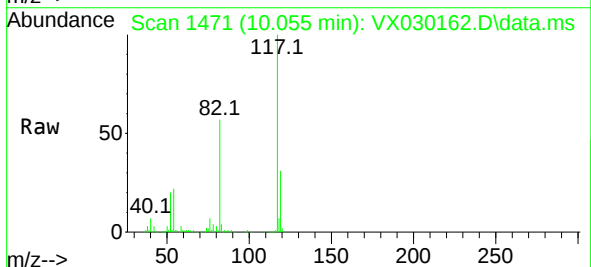
Instrument :
MSVOA_X
ClientSampleId :
SPC-01BN-84DL

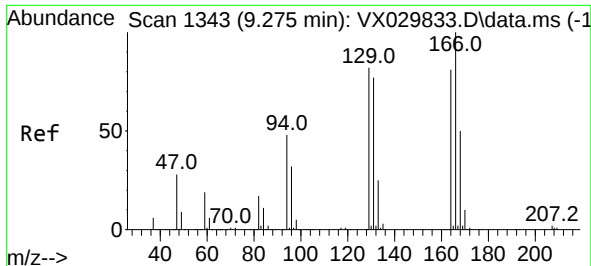
Tgt Ion: 95 Resp: 115582
Ion Ratio Lower Upper
95 100
174 71.9 0.0 149.0
176 70.4 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030162.D
Acq: 21 Jul 2022 15:09

Tgt Ion: 117 Resp: 267434
Ion Ratio Lower Upper
117 100
82 57.5 42.7 64.1
119 31.2 25.4 38.2

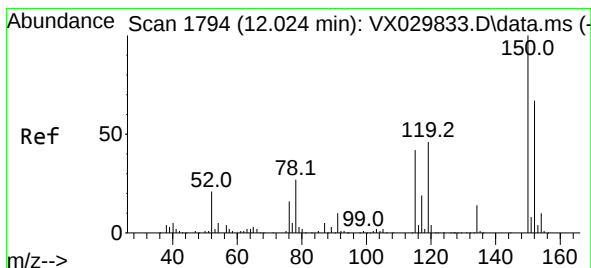
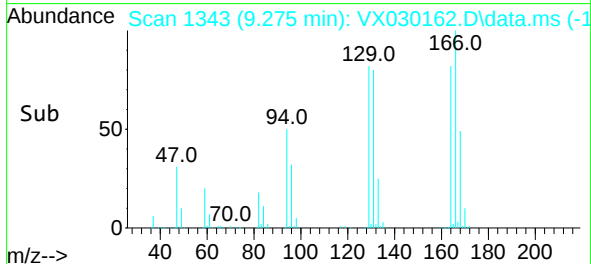
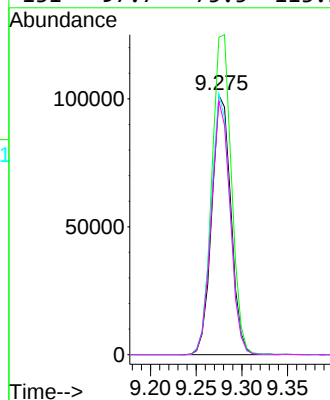
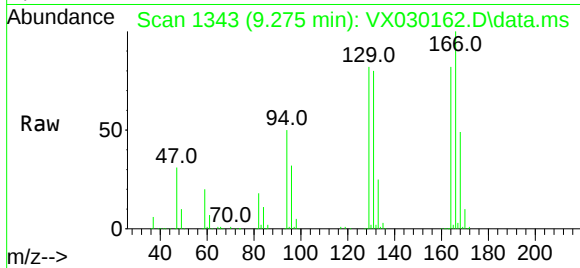




#64
Tetrachloroethene
Concen: 68.519 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030162.D
Acq: 21 Jul 2022 15:09

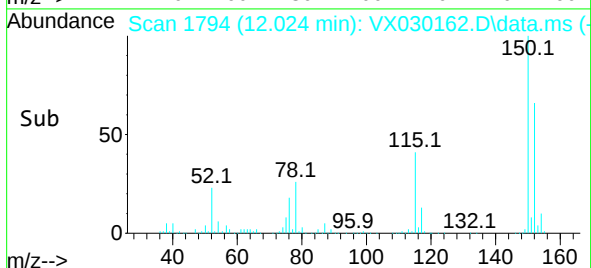
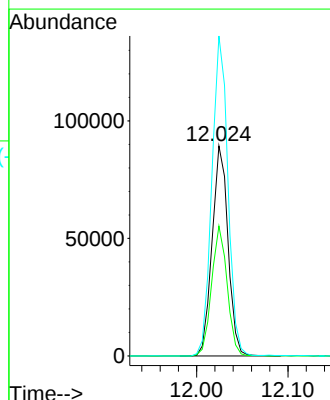
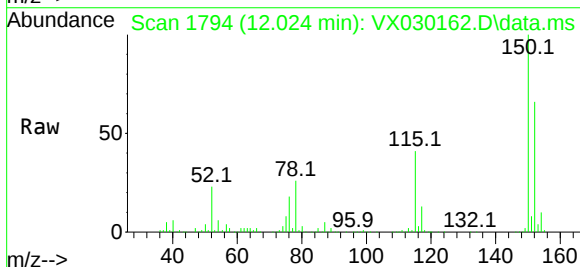
Instrument :
MSVOA_X
ClientSampleId :
SPC-01BN-84DL

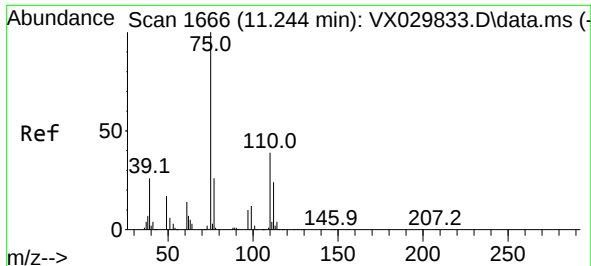
Tgt Ion:164 Resp: 147095
Ion Ratio Lower Upper
164 100
166 122.3 98.2 147.4
129 100.4 80.8 121.2
131 97.7 75.5 113.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030162.D
Acq: 21 Jul 2022 15:09

Tgt Ion:152 Resp: 108428
Ion Ratio Lower Upper
152 100
115 60.2 40.5 121.5
150 153.0 0.0 347.0

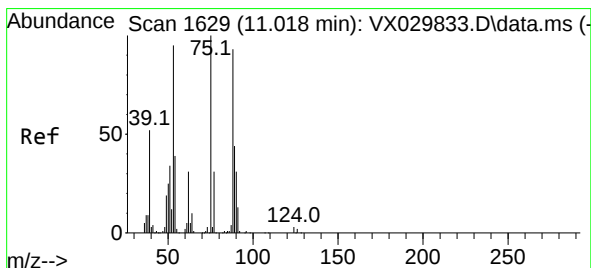
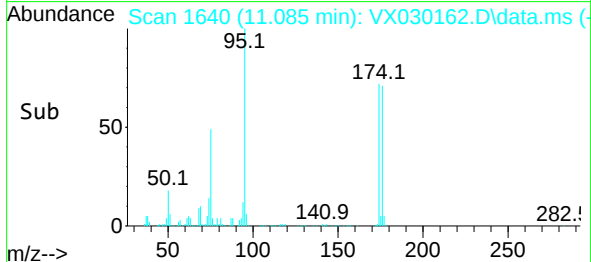
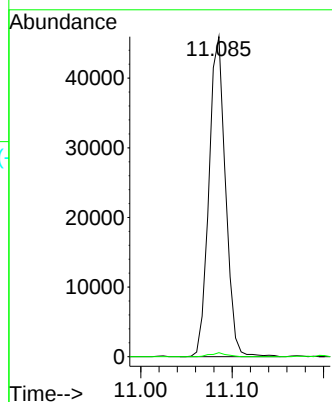
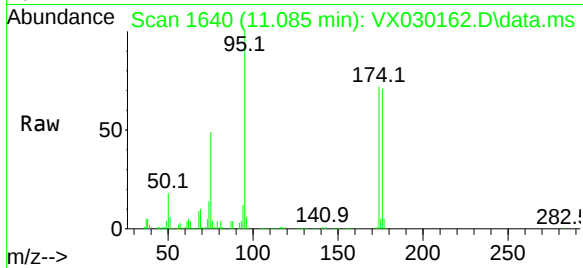




#76
1,2,3-Trichloropropane
Concen: 23.197 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX030162.D
Acq: 21 Jul 2022 15:09

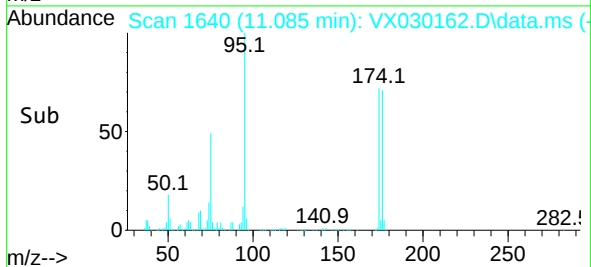
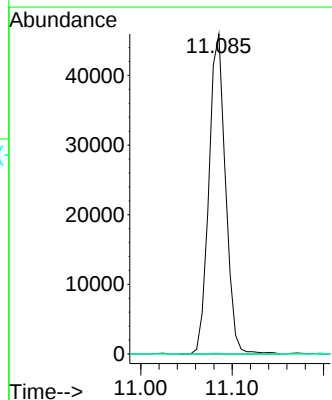
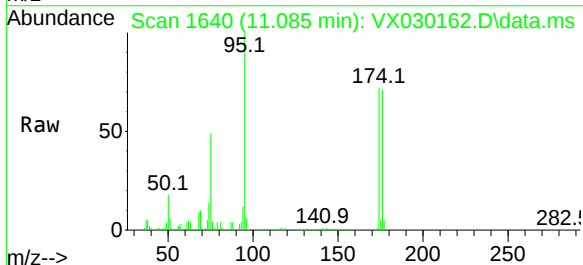
Instrument :
MSVOA_X
ClientSampleId :
SPC-01BN-84DL

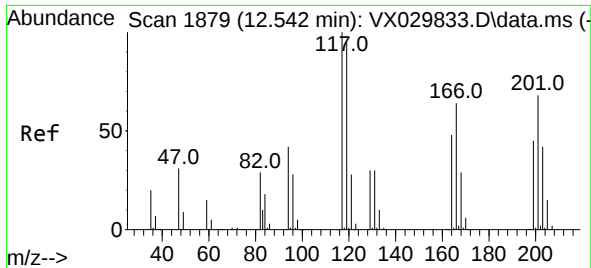
Tgt Ion: 75 Resp: 57829
Ion Ratio Lower Upper
75 100
77 1.2 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.945 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX030162.D
Acq: 21 Jul 2022 15:09

Tgt Ion: 75 Resp: 57829
Ion Ratio Lower Upper
75 100
53 0.1 74.2 111.4#
89 0.0 34.8 52.2#





#90
Hexachloroethane
Concen: 1.173 ug/l
RT: 12.543 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030162.D
Acq: 21 Jul 2022 15:09

Instrument :
MSVOA_X
ClientSampleId :
SPC-01BN-84DL

Tgt Ion:117 Resp: 1298
Ion Ratio Lower Upper
117 100
201 55.7 34.2 102.5

